



1

SEQUENCE LISTING

<110> KIM, SUNGHOON  
KO, YOUNG-GYU

<120> IMMUNOLOGICAL ENHANCEMENT AGENT COMPRISING N-TERMINAL PEPTIDE OF  
P43 AS AN EFFECTIVE COMPONENT

<130> 058333/0106

<140> 09/930,169

<141> 2001-08-16

<150> KR 2001-31310

<151> 2001-06-05

<160> 11

<170> PatentIn Ver. 2.1

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<212> PRT

<213> Unknown Organism

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<223> Description of Unknown Organism: Mammalian  
protein sequence

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Met Ala Asn Asn Asp Ala Val Leu Lys Arg Leu Glu Gln Lys Gly Ala  
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Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Gln Val Ser Leu Leu  
20 25 30

Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu  
35 40 45

Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln  
50 55 60

Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe  
65 70 75 80

Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val  
85 90 95

Ile Gln Ser Thr Ala Val Thr Thr Val Ser Ser Gly Thr Lys Glu Gln  
100 105 110

Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys Ala Lys Glu Lys Ile Glu  
115 120 125

Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln Gln Ser Ile Ala Gly Ser  
130 135 140

Ala Asp Ser  
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<212> PRT  
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<220>  
<223> Description of Unknown Organism: Mammalian  
protein sequence

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Met Ala Asn Asn Asp Ala Val Leu Lys Arg Leu Glu Gln Lys Gly Ala  
1 5 10 15  
Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Gln Val Ser Leu Leu  
20 25 30  
Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu  
35 40 45  
Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln  
50 55 60  
Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe  
65 70 75 80  
Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val  
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Ile Gln Ser Thr Ala Val Thr Thr Val Ser Ser Gly  
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<223> Description of Unknown Organism: Mammalian  
protein sequence

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Met Val Ser Glu Asn Val Ile Gln Ser Thr Ala Val Thr Thr Val Ser  
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Ser Gly Thr Lys Glu Gln Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys  
20 25 30  
Ala Lys Glu Lys Ile Glu Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln  
35 40 45  
Gln Ser Ile Ala Gly Ser Ala Asp Ser Lys Pro Ile Asp Val Ser Arg  
50 55 60

Leu Asp Leu Arg Ile Gly Cys Ile Ile Thr Ala Arg Lys His Pro Asp  
 65 70 75 80  
 Ala Asp Ser Leu Tyr Val Glu Glu Val Asp Val Gly Glu Ile Ala Pro  
 85 90 95  
 Arg Thr Val Val Ser Gly Leu Val Asn His Val Pro Leu Glu Gln Met  
 100 105 110  
 Gln Asn Arg Met Val Ile Leu Leu Cys Asn Leu Lys Pro Ala Lys Met  
 115 120 125  
 Arg Gly Val Leu Ser Gln Ala Met Val Met Cys Ala Ser Ser Pro Glu  
 130 135 140  
 Lys Ile Glu Ile Leu Ala Pro Pro Asn Gly Ser Val Pro Gly Asp Arg  
 145 150 155 160  
 Ile Thr Phe Asp Ala Phe  
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 <212> DNA  
 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: PCR Primer

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<210> 5  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: PCR Primer

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<210> 6  
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 <212> DNA  
 <213> Artificial Sequence

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<212> DNA  
<213> Artificial Sequence  
  
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ctcgagggaa gcatttta 18  
  
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